

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently Amended) A method ~~for establishing in a cellular network a new packet-switched dedicated channel carrying speech samples~~, comprising:

communicating through a dedicated channel comprising both an uplink and at least one downlink in which a server function or server in a core network interconnecting them controls a flow of data packets, and

keeping up the dedicated channel after a last speech sample packet is sent ~~uplink, keeping up the dedicated channel~~ downlink from the core network by sending post-speech packets for a time of such duration that a new uplink can be established; utilizing the at least one downlink; from at ~~least one terminal connected to said downlink~~ the core network.

2. (Currently Amended) The method according to claim 1 wherein the keeping up of the dedicated channel comprises:

the server determining when the last speech sample packet is sent;

the server sending at least one post-speech packet downlink to receiving terminals;

determining whether a terminal taking part in the session needs a new uplink; and

~~[[--]]~~ establishing said new uplink.

3. (Original) The method according to claim 2 wherein the receiving terminal additionally signals the user of the terminal after receiving the last speech sample packet.

4. (Original) The method according to claim 2 wherein said post-speech packets are sent downlink 5 to 10 times at intervals of 500 ms at most.

5. (Previously Presented) The method according to claim 4 wherein after a last post-speech packet the downlink used is released after a delay specific to the cellular network.
6. (Original) The method according to claim 4 wherein post-speech packets are also sent to the terminal that used the uplink.
7. (Original) The method according to claim 1 wherein the dedicated channel used is kept up in such a manner that the sending terminal appends at least one post-speech packet to the last speech packet sent by it.
8. (Previously Presented) A server in a cellular network comprising a receiver configured to receive a last speech sample packet in an uplink direction; and

a processing device configured to prolong the existence of downlinks by sending post-speech packets for a time of such duration that at least one new uplink can be established from a receiving terminal.
9. (Previously Presented) The server according to claim 8, which is configured to prolong the existence of a downlink by sending the post-speech packets to at least one terminal connected to the session.
10. (Previously Presented) The server according to claim 9, which is configured to send 5 to 10 post-speech packets at intervals of 500 ms at most.
11. (Previously Presented) The server according to claim 10, which is configured to include in the post-speech packets information intended for a user of the terminal.
12. (Previously Presented) A cellular terminal, comprising a control unit configured to recognize and/or transmit post-speech packets.
13. (Previously Presented) The terminal according to claim 12, comprising the control unit further configured to perform signaling after receiving a last speech sample packet.

14. (Previously Presented) The terminal according to claim 12, where the received post-speech packets are appended to speech sample packets.

15. (Previously Presented) A cellular network configured to maintain a dedicated channel between a sending terminal and a receiving terminal by sending post speech packets for a time of such duration that a new dedicated channel can be established utilizing said earlier dedicated channel.

16. (Previously Presented) The cellular network according to claim 15, where said dedicated channel in the cellular network is maintained by sending the post-speech packets, after a last speech packet transmitted, to at least one terminal connected to the dedicated channel.

17. (Original) The cellular network according to claim 16, where an element for sending post-speech packets is a server operating in the network.

18. (Original) The cellular network according to claim 17, where the server sending post-speech packets is a router server.

19. (Original) The cellular network according to claim 16, where an element for sending post-speech packets is a terminal ending its transmission.

20. (Previously Presented) The cellular network according to claim 16 wherein the dedicated channel is maintained by sending 5 to 10 post-speech packets at intervals of 500 ms at most.

21. (Previously Presented) The cellular network according to claim 20 wherein after a last post-speech packet said earlier dedicated channel is arranged to be released after a delay specific to the network.

22. (Previously Presented) A data storage medium encoded with software readable by a data processing device for performing actions for continuing the existence of a dedicated channel in a packet-switched cellular network, the actions comprising:
determining when a last speech sample packet is sent,
sending at least one post-speech packet to receiving terminals,

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determining whether a terminal taking part in the session needs a new uplink, and establishing said uplink.

23. (Cancelled)